

1        **AMENDMENT TO THE CLAIMS:**

2        **Claims pending**

- 3            • At time of the Action: Claims 13, 29, 45, and 49.
- 4            • After this Response: Claims 13, 29, 45, and 49.

5        **Canceled or Withdrawn claims:** None.

6        **Amended claims:** None.

7        **New claims:** None.

8

9

10        This listing of claims will replace all prior versions, and listings, of claims

11 in the application:

12

13

14        Claims 1-12 (canceled)

15

16        Claim 13 (Previously presented): A method for encoding a motion video

17 signal, the method comprising:

18            comparing first and second frames of the motion video signal to one another

19 to determine a current absolute pixel difference between the first and second

20 frames;

21            determining, based at least in part on comparing the current absolute pixel

22 difference to a filtered previous absolute pixel difference, whether the second

23 frame represents a scene change in a motion video image represented by the

24

25

1 motion video image;

2 encoding the second frame as an independent frame upon a condition in  
3 which the second frame represents the scene change in the motion video image;  
4 and

5 encoding the second frame as a motion-compensated frame upon a  
6 condition in which the second frame does not represent the scene change in the  
7 motion video image.  
8

9  
10 Claims 14-28 (canceled)  
11

12 Claim 29 (Previously presented): A computer readable medium useful in  
13 association with a computer which includes a processor and a memory, the  
14 computer readable medium including computer instructions which are configured  
15 to cause the computer to encode a motion video signal by performing the steps of:  
16  
17 comparing first and second frames of the motion video signal to one another  
18 to determine a current absolute pixel difference between the first and second  
19 frames;  
20

21 determining, based at least in part on comparing the current absolute pixel  
22 difference to a filtered previous absolute pixel difference, whether the second  
23 frame represents a scene change in a motion video image represented by the  
24 motion video image;  
25

1 encoding the second frame as an independent frame upon a condition in  
2 which the second frame represents the scene change in the motion video image;  
3 and

4 encoding the second frame as a motion-compensated frame upon a  
5 condition in which the second frame does not represent the scene change in the  
6 motion video image.  
7

8  
9 Claims 30-44 (canceled)  
10

11 Claim 45 (Previously presented): A computer system comprising:

12 a processor;

13 a memory operatively coupled to the processor; and

14 a motion video signal encoder which executes in the processor from the  
15 memory and which, when executed by the processor, causes the computer system  
16 to encode a motion video signal by performing the steps of:  
17

18 comparing first and second frames of the motion video signal to one  
19 another to determine a current absolute pixel difference between the first  
20 and second frames;

21 determining, based at least in part on comparing the current absolute  
22 pixel difference to a filtered previous absolute pixel difference, whether the  
23 second frame represents a scene change in a motion video image  
24  
25

1 represented by the motion video image;

2 encoding the second frame as an independent frame upon a condition  
3 in which the second frame represents the scene change in the motion video  
4 image; and

5 encoding the second frame as a motion-compensated frame upon a  
6 condition in which the second frame does not represent the scene change in  
7 the motion video image.  
8

9  
10 Claims 46-48 (canceled)

11  
12 Claim 49 (previously presented): A computer readable medium comprising  
13 instructions which, when executed by a computer, performs the method of Claim  
14  
15 13.

16  
17 Claim 50-53 (cancelled).  
18  
19  
20  
21  
22  
23  
24  
25